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(72) Inventors; and

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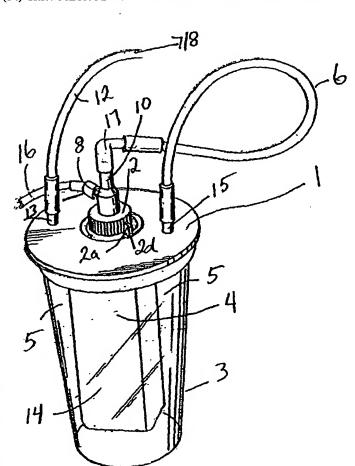
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Declarations under Rule 4.17:

 as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for all designations

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(54) Title: METHOD AND APPARATUS FOR CONVERTING SUPPLIES AND REDUCING WASTE



(57) Abstract: A method and apparatus for technique and cycling (Techni-cycling as herein defined) such that conversion of delivery supply containers (supplies) into waste collection and disposal receptacles (10) is disclosed. More particularly, Techni-cycling comprises transformations comprising deriving supply containers from a delivery sequence and converting the container into a waste receptacle (10) by connection to a vacuum/suction collection system (1, 2, 3) for, in part, reducing the amount of the waste stream burden, among other things.

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B. FIELDS SEARCHED			
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C. DOCUMENTS CONSIDERED TO BE RELEVANT			
		preprieto, of the selevent page cor	Relevant to claim No.
Category *	Citation of document, with indication, where appropriate, of the relevant passages		
Х	US 5,269,924 A (Rochat) 14 December 1993 (19.12.1993), figure 1.		1-3
v	110 5 705 516 A (Cook et al.) 10 March 1009 (10 02 1009), rea all figures		1.2
Y	US 5,725,516 A (Cook et al.) 10 March 1998 (10.03.1998), see all figures.		1-3
Y	110 5 045 074 A (Satta-Gold et al.) 03 Sentember 1001 (03 00 1001), see all figures		1-3
. 1	US 5,045,074 A (Satterfield et al.) 03 September 1991 (03.09.1991), see all figures.		1-2
·	Y US 3,648,698 A (Doherty) 14 March 1972 (14.03.1972), figures 1 and 2.		1-3
1	05 5,040,056 A (Duncity) 14 Water 1572 (17.05.1572), figures 1 and 2.		1-3
Further	documents are listed in the continuation of Box C.	See patent family annex.	
* S	pecial categories of cited documents:	date and not in conflict with the applic	
	defining the general state of the art which is not considered to be	principle or theory underlying the inve	
of particu	lar relevance	"X" document of particular relevance; the	claimed invention cannot be
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